

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	Group Art Unit: 2123
Nicholas Grant Rasmussen, et al.	)	Examiner: Paul L. Rodriguez
Application No. 10/608,935	)	SUPPLEMENTAL INFORMATION
Filed: June 27, 2003	)	<u>DISCLOSURE STATEMENT</u>
For: APPARATUS AND METHOD OF	)	
SIMULATING THE MOVEMENT OF	)	
ELEMENTS THROUGH A REGION OF 3D	)	
SPACE	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants submit herewith information of which applicants are aware, which applicants believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) ☐ accompanies the new patent application submitted herewith. 37 CFR § 1.97(a).
- (b) ☐ is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.
- (c) ☒ as far as is known to the undersigned, is filed before the mailing date of a first Office Action on the merits.

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, postage prepaid, in an envelope, addressed to Mail Stop Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 06-30-06.

Dated: June 30, 2006 By: [Signature]

(d) ☐ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.

(e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by the fee (\$180) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

[If either of boxes (d) or (e) are checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

(f) ☐ Each item of information contained in the information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

(g) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

A list of the patent(s) or publications(s) is set forth on the attached Form PTO-1449 (Modified). A copy of the items on PTO-1449 (Modified) is supplied herewith; except SIGGRAPH 2002 Course 9, pp 1-1 thru 7-31, with attention to J. Tessendorf, "Simulating Ocean Water," pp 3-1 thru 3-19 plus 44 page chart presentation "Simulating Ocean Surfaces" (pages not numbered). The SIGGRAPH 2002 Course 9 reference was previously submitted in the IDS dated November 19, 2003, and improperly referenced when previously submitted as J. Tessendorf, "Simulating Ocean Waves", In Simulating Nature: Realistic and Interactive Techniques.

Applicant believes that an IDS dated June 29, 2006 was inadvertently filed without a 1449 Form listing the Gamito (Manuel Noronha Gamito, "Simulation of Turbulent Flow Using Vortex Particles", pps. 1-12 (unnumbered)), Stam (Jos Stam, et al., "Depicting Fire And Other Gaseous Phenomena Using Diffusion Processes", In Proceedings of SIGGRAPH 1995, ACM Press/ACM SIGGRAPH, Computer Graphics Proceedings, Annual Conference Series, ACM, 1995, pps. 129-136 (unnumbered), and SIGGRAPH 2002 Course 9 (SIGGRAPH 2002 Course 9, pp 1-1 thru 7-31, with attention to J. Tessendorf, "Simulating Ocean Water," pp 3-1 thru 3-19 plus 44 page chart presentation "Simulating Ocean Surfaces" (pages not numbered)) references. As a result, applicant resubmits the present IDS.

A concise explanation of relevance of the described above and attached information is:

- (k) ☒ not given
- (l) ☐ given for each listed item
- (m) ☐ given for only non-English language listed item(s) [Required]
- (n) ☐ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

While the Information disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that the Information referred to is "prior art" for this invention unless specifically designated as such.


In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the above-described and attached information.

The Commissioner is hereby authorized to charge our Deposit Account No. 502305 for any fees required in connection with the filing of the Information Disclosure Statement. **A duplicate copy of this Notice is enclosed for this purpose.** In particular, in the event that an Office Action has cross in the mail with this Information Disclosure Statement, the Commissioner is authorized to charge the above-named deposit account for any fees required pursuant to 37 C.F.R. §1.17(p) or 1.17 (l) (1).

Respectfully submitted,

Dated: 6-30-06

By:

  
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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

300-80106

Application Number

10/608,935

Applicant(s)

Nicholas Grant Rasmussen, et al.

Filing Date

June 27, 2003

Group Art Unit

2123

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

		Manuel Noronha Gamito, "Simulation of Turbulent Flow Using Vortex Particles", pps. 1-12 (unnumbered).
		Jos Stam, et al., "Depicting Fire And Other Gaseous Phenomena Using Diffusion Processes", In Proceedings of SIGGRAPH 1995, ACM Press/ACM SIGGRAPH, Computer Graphics Proceedings, Annual Conference Series, ACM, 1995, pps. 129-136 (unnumbered).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional)	Application Number
	300-80106	10/608,935
	Applicant(s) Nicholas Grant Rasmussen, et al.	
Filing Date	Group Art Unit	
June 27, 2003		2123

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
		*SIGGRAPH 2002 COURSE 9, pp. 1-1 thru 7-31, with attention to J. Tessendorf "Simulating Ocean Water," pp. 3-1 thru 3-19 plus 44 page chart presentation "Simulating Ocean Surfaces" (pages not numbered).

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